

# MACLEAN'S

15c

March 24, 1962

*The story of the West's first campaign  
against missile attack,  
from the files of the man who led it*

## THE WAR AGAINST VON BRAUN



*Going to school will never be the same again. Already*

## SOME OF JOHNNY'S BEST TEACHERS ARE MACHINES

## AROUND THE WORLD IN 30 DAYS ON A PACKAGE TOUR

**ROAD RACING** *color close-up of the action on Canada's first major-league track*











## A French Canadian cheer for the British tradition Forgiveness, at last, for some pillaging soldiers

If you think to be the "normal" man, you are exhibiting the Communist error, Marwan in Baghdad in the University of Chicago. The British are the only ones in the world who do not have a single word for "normal". The word "normal" is a French word, and it is a word that is used by the French people to describe the people who are not like them. The word "normal" is a French word, and it is a word that is used by the French people to describe the people who are not like them.

because of a new crop of the right kind of soldiers — a new crop of soldiers.

If many readers will have been told about the British soldiers who are in the Middle East, they will have been told about the British soldiers who are in the Middle East. They will have been told about the British soldiers who are in the Middle East. They will have been told about the British soldiers who are in the Middle East.

### No justice for the Lundy boys

I was very much interested in a column in issue 134-254 and so I decided to write this letter. I was very much interested in a column in issue 134-254 and so I decided to write this letter. I was very much interested in a column in issue 134-254 and so I decided to write this letter.



expression. I don't know where the British soldiers are, but I know that they are in the Middle East. I don't know where the British soldiers are, but I know that they are in the Middle East.

### The important part

What is the significance of the fact that the British soldiers are in the Middle East? The British soldiers are in the Middle East. The British soldiers are in the Middle East. The British soldiers are in the Middle East.

### 4th letter to the editor

As I mentioned in my previous letter, I am a Canadian. I am a Canadian. I am a Canadian. I am a Canadian. I am a Canadian. I am a Canadian. I am a Canadian. I am a Canadian.

### What have I done

As a Canadian, I am a Canadian. I am a Canadian. I am a Canadian. I am a Canadian. I am a Canadian. I am a Canadian. I am a Canadian. I am a Canadian.



**VACATIONS ARE ALWAYS IN SEASON** when you go by Boeing jetliner. In incredibly few hours, Boeing jets can take you to any part of the world... whisk you from winter into summer, or to the climate and vacation activities you enjoy most. This year, spend more vacation time there—fly Boeing!

**BOEING Jetliners**

For further information please write to Boeing Aircraft Company, 10000 North 17th Avenue, Seattle, Washington 98148. Boeing Aircraft Company is an equal opportunity employer. Minorities and women are encouraged to apply.

## You, your Agent and ROYAL-GLOBE PROTECTION

**Y**our insurance agent — a businessman in your own community — is the man you can rely on to take a personal interest in your insurance requirements. He will see you have the coverage you need and advise at times to discuss, he will work directly for you to help you get prompt settlements. Over 4000 independent agents across Canada offer you Royal-Globe protection — backed by the resources of the largest world-wide insurance organizations — The Royal-Globe group. Your agent is the key — and Royal-Globe your guarantee of efficient, economical insurance coverage for all your personal and business needs.



You count on your insurance agent ...  
he counts on

**ROYAL-GLOBE  
INSURANCE COMPANIES**

FIRE - CASUALTY - AUTOMOBILE  
- MARINE and, of course, LIFE

ROYAL Insurance Company Limited (Lombard & Lincoln) & GLOBE Insurance Co. Ltd., State Insurance Company of Canada (Hudson Bay Insurance Company, Halifax - Montreal - Toronto - Winnipeg - Calgary - Vancouver)



Chevy II 2000 & Diesel Value

A General Motors Value

## YEAR'S BEST CATCH *in beauty, fun and value!*

Only a car with Chevy II's solid virtues could make itself look so perfect. Chevy II is tough, handling over with gas-pumping response like a gas-pumping 60 hp 6- or a -ruling 120 hp diesel engine. And you get like a horse-drawn! Here's more than enough room for you and your long-legged friends... plus enough luggage space for you and your long-legged friends... plus enough luggage space for you and your long-legged friends...

The most splendid surprise of all? A just-right price tag!

But there's a whole lot more to make you wonderfully make Chevy II's way to the eye, way to pick and even to own. Chevy II

comes in a full line of right-sized models, including station wagon and a convertible Chevy II's unmatched for the beautiful simplicity of its design, drive and lines.

You'll take pride in Chevy II's road ride... for as part to Vista-Drive seat springs, a mechanical advance in suspension, which helps cushion you like a parent's hand. We might say, but who's not doing it at your Chevrolet dealer's and make a personal tour of inspection in this delightfully shrewd member of the great Chevrolet family.

Illustration is a registered trademark.



Chevy II Vista 2000 & Diesel Value Engine



Chevy II Vista 2000 & Diesel Value

A totally new line of cars... **Chevy II**



This youngster is showing French from an "electronic teacher" machine which simulates any day's problem materials to teach him "foreign" you get a sample method.

## SOME OF JOHNNY'S BEST TEACHERS ARE MACHINES

Teaching machines are already drilling 8,000 Canadian children in arithmetic and grammar. In Langley, B.C., machine-taught teen-agers learn algebra twice as fast as they used to. In New York, grade ten boys with electronic tutors excel in university mathematics.

Some educators say machines teach most subjects better than humans; others say they can't teach values and could wreck modern civilization. Either way, they're here — and they'll make startling changes in our classrooms. BY SIDNEY KATZ *Nation's Associate Editor*

RECENTLY, IN OTTAWA, A LATTER-DAY ROMAN sponsored by the Canadian Teachers' Federation. It was a modest meeting — with eight Canadian school teachers and officials and a handful of American experts — and it received little public attention. Yet the conference may well have been the beginning of a revolution in Canadian education.

The values of the seminar shined forth clearly — "Prepared Learning and Its Future in Canada." It meant that there were men and women in Ottawa who had reached a critical new development in education: popularity and broad interest in so-called "machines." The new method teaches a child without the use of any human teacher, by pointing out his or her mistakes in a logical sequence. It employs

an electronic or hand-operated mechanical device into which is fed a program, through separate units that can be altered by a user, the program itself, without the machine.

The advantage of prepared learning is derived from several experiments. Professor R. F. Skinner's Harvard University psychology taught pigeons to draw in various play programs and demonstrated how they played. Skinner also showed how children learn to play the piano by using the same teaching technique. He devised programs for the classroom to teach everything from psychology to mathematics.

For the past four or five years, almost unknown to the public, experiments with self-teaching machines have been going on. About 8,000 Canadian children have already been exposed to the

The early data make for the following machine an impressive one, including the fact that they can teach practically any subject better and faster than a human. In England, grade nine children using a machine completed the year-long algebra course in half the allotted time. In Riverside, Virginia, high school students in geometry and trigonometry taught by machine were compared with an equal number who were instructed by the traditional method. The machine taught youngsters had only half as many failures as the others at the time examinations. The last bit of valuable news is about learning over again that the

The prospect of rational education needs to be open to the spirit of these educators and parents. The teaching method we are concerned in is a result of experiments with birds – observer and publisher Walter Ross. When recently sent a University of Alberta innovation "Underlying there is the conviction that the brains of birds and the minds of children work the same way. The teaching method treats the child as if he/she were a bird, with emphasis on the child's own discovery of knowledge." A group of Montreal teachers explained the

In Greece, I worked with both types of programmed learning. One of the Maslow type machines was a *Walter* made of grey plastic, about the size of a portable typewriter, which will fit 150. You press a knob on a simple quadrant against a ruler a little window. The response window is usually a single word or number which you can see on a rack.

© 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 399–406



the OAS headquarters — the police hunt — hangs in the Centre's busy headquarters during a morning rush hour. A police report demolished a 22-minute wait.

## OAS HOW 1,500 MEN ARE WARRING ON FRANCE

ONE FRANKLY MORNING IN 1961 the people of Algiers began, when in Algeria, OAS-Casablanca and OAS — (OAS) to find the letters OAS printed on walls, sidewalks, fences. On that morning few Algerians knew even what the letters OAS meant. But some 250,000 people of the French Service — the Secret Army Organization — was to become almost daily news to all who read or listen (especially the radio) in 1961, the most-convulsed battle among the OAS, the Muslim nationalists and the French army took more than 300 lives and

By **Melissa Pilette**  
Adapted from *Le Monde* Magazine

against about 1,000 more. And in the first 30 days of 1962 alone, a killed 129 and wounded 1,400. Many of the casualties were women and children who happened to get in the way of OAS bombs. Muslim guerrillas or army bullets. In Metropolitan France the news of the OAS makes it usually concerned with the OAS members, the police force. President Charles de Gaulle's surprise escape from a plot to

assassinate made headlines of course. So from the 300 planes built, the OAS members in France have exploded against government buildings and the houses of officials of newspaper editors, writers, politicians and others considered hostile to OAS objectives. The principal OAS objective is to tell de Gaulle's plan to grant independence to Algeria which has a population of nine million Muslims and one million subjects of European descent. But the OAS claims that to accomplish this it must overthrow the government in Metro.

Continued on page 58



This "planque" one of 300 the OAS has established in Paris changed a bakery and a home. The OAS has created in cities and professions—marching photo



**GRAND PRIX** racing, the sternest test of the world's best drivers and the ultimate spectacle for sports' most fervent fans, was just a word to Canadians until 1961. These 27 international and Canadian stars took to the twisting 2.4 miles of the world's second track — Mosport (as in motor-sport). They were driving in the first of the Canadian Grand Prix, races that may yet become a tradition, Oat, on the international circuit of the traveling tournament for the driving championship of the world. Olivier Gendeborn of Belgium thought Mosport would stick in racing's major league: "At Le Mans," he said, "you just go round and round. But Mosport? Formidable — six inches of misjudgment, and pitft." Thirty thousand spectators, most of whom drove 50 miles northeast from Toronto to get there, went to sometimes fanatical lengths to help Mosport stick (above, in teats and on car-roof seats). This is a photographic report of what they saw, including the dueling Lotus MK9 and Jaguar XK-SS below, by Maclean's photo editor Don Nevalds and free-lance photographer John Max.







One of the most spectacular sights in both boat and auto racing is the "mushroomed shell" — an automobile requiring no race timing and perfect coordination to bring the machine around the corners at the highest speed possible. The late Bob Fitzgerald, driver of Moss Superstar II, used it in the Montreal race circuit (left), and, at Mosport (above), with two other cars ahead of him. Ernesto Rodriguez is getting his Ferrari down into the ruts in a mushroomed shell at 110 mph. His wheels angled toward the bank, he knifed

down at 80 mph, still around the first turn of 54, took the second here at 30, and accelerated up to 120 mph on the straightaway. Ernesto's brother Pedro finished second. Rodriguez brothers of Mosport are good, but no driver is so good as one who takes the machine's during a bad lap—and all racing runs here there. The stress on the nose of the wheel during the kind of driving when a driver is so good that using drivers usually immediately after races, but it seems to be even tougher on the race. On Grand Prix day at Mosport

a driver may brake down. Rodas faded, never stopped, never braked out. One car's gearbox disintegrated, and a couple of cars just couldn't start. Wheeland tracks fixed out the broken one. Other tracks, and Shing Moss of England, perhaps the world's best driver, went into the pit three times for repairs. (Above, he tries to keep his machine's Moss, nevertheless, managed to finish third, behind Rodriguez and young Peter Knapp of Moss Toronto, Quebec; this was the 240-mile Canadian Grand Prix in two hours, 36 minutes,

44 seconds. This was Mosport's second international race of its first season. The first was the Pique's 200 in June, which was won by Moss and soldiers all previous sports events except Greg Van Gaster, 44,100 people paid to see it and about 8,000 others and freeholders—both official and unofficial—out on foot. Traffic backed up for 10 miles and of last was forced to take the gate, filed a field with cars and created a great crash. Meanwhile, the last Moss driver and young Mosport's strong force. (Continued on p. 27)



# FOR THE SAKE OF ARGUMENT



**Michael Parkes, a widely respected writer on politics and economics, says:**  
**WE'RE STILL WRONG ABOUT THE RUSSIANS**  
*Parkes was assigned by Time to give the Russians a Canadian view of the USSR's historic Third Program. He says this economic blueprint reads like an election speech by DeWetsbaker or Kennedy—and that the real canvas of World War III will be the imaginary dangers in our own baggy-ridden minds*

I don't want anyone worried about my grand children as the Hon. Howard Green and Dr. James Thomson do when they think about the cold war. I expect my grandchildren will be able to look after the world more or less in their parents, and that will be considerably better than their grandparents.

The rules that the world may be dominated by nuclear war is appalling, because nuclear war is unnecessary and very unpleasant. But it is not the ultimate catastrophe. I don't see, say, Christian war against evil, or the death of the Atlantic continent. Instead that makes nonsense of the Christian and the Renaissance — and makes us hypocrites.

It isn't nuclear war in itself that is intolerable. It is that of the only really avoidable thing is that we may ourselves bring on nuclear war by being in error as unmitigated and as un-Christian as the people are as really evil and vicious. And we will make nuclear war avoidable if we create a crisis of common wisdom, while we reject the constraints of making a huge of spiritual liberation.

In this crisis the Cold War is dangerous. It only exists because the economic struggle on and we struggle there to be intolerable economic commitment to each other's destruction and the possibility of the world's ending.

It is too that it is dangerous. And the recent book by George Kennan, attacking our dealings with Soviet Russia since 1917 (Kennan is the British diplomatic expert on Soviet diplomacy and former head of policy planning in the State Department.) He says:

"For so long Americans who people make policy on the basis of exaggerated fears and passions. These dangers they cannot see in their own interest as essentially like fish and not to avoid them — or their children."

That is not only wrong about my grand children, but we may respond to them on an irresponsible manner which we have earned out of our own fears and passions. We don't have it. There's still time to be sensible — but not much.

Ever since the Russian Revolution in 1917 Kennan shows we have generally been too timid behind the scenes in our view of the Soviet Union. By the time Gorbachev and other successors say more words to us in the "normal" phenomena of foreign perception and influence (Kennan's words) the mass of common information was already on the scene. By the time most of us were up to the great lesson of Khrushchev's tyranny, Stalin was dead. It is taken as an error for two years to realize the changes going on in the Soviet Union were not the last. The danger we imagine will take us back.

## ALMOST EVERYTHING TODAY IS BEING CHANGED

Stalin has been dead and his behavior for eight years now. It is even feared. Kennan thinks that the Russian people can never again be lulled up in their own minds. The talks of a "peaceful" revolution are not going to happen. Edward Shils, the British expert on Russia, says: "The Soviet Union is moving toward a system of democracy." The London Economic, always well informed about the Soviet mind in history, now says it is so good, occurred to the idea that the policy for political change in the Soviet Union must no longer be a crisis of a crisis. Our critics, it says, are not condemned by themselves at Stalin. Kennan adds that our mission might be to be a member of how far we have come since 1917, rather than thinking in to the "crisis of a crisis."

I don't think any of us have said enough about the Third Program in the Communist Party of the Soviet Union which was adopted last year as the official blueprint for Soviet economic policy in the next twenty years.

"The only good socialist blueprint" of economic life is not so similar to the plan it is only the Third Program issued by the new members since the beginning of the century. The last was issued in 1923 by the magnificent Bolshevik party. It was their call for a revolution to overthrow the class.

It is to overthrow the class. It is to take going to the revolution took place in 1917 and the Bolsheviks managed to take charge of it.

Then they issued that Second Program in 1919 — after they were in power. It was intended to be the last of building a socialist society and was considered good enough to keep them going until last year. Then they knew how to turn the revolution into the Third Program.

Generally it was intended to make a dramatic change of the class and if you put it even in "just another" society, it was intended to be a new problem in those days for not knowing what is going on over here.

The Third Program fully presents that the Soviet has been transformed. It has been both established and the "normal" situation. It has been established. The Soviet Union has entered the new era of "normalization."

It is a new era of "normalization." None of the world's events the same thing to us as in the Russian. We have to think of it as in our own world of thought and language. It is that we have learned about children and try to get into a world of more distant thought and language and perspective in which the Russian have been received since their childhood.

It might be to cover for us that for them in 1917 history of the Soviet party were different. Those who are now at the top of the party and outside the party have learned everything they know — from their ABC to their science and philosophy — from the communist and. It is that in an effort of understanding, to be made only by every day of God and man it might be seen from our side.

I have just been learning how difficult it is to find a glimpse of how important it is to be — through the common experience which led to the study of the Third Program of the Communist Party of the Soviet Union. It was the result of a particular experience — unusual and so far — experience on just 30



OUTSIDE LONDON—Kendall (left) with a group of men in suits in the background. The group is standing in front of the British Museum.



ON THE LONDON—Kendall (left) with a group of men in suits in the background. The group is standing in front of the British Museum.

# THE WAR AGAINST VON BRAUN

BY TERENCE ROBERTSON

A student and remarkably intelligent man was almost killed in 1945 when he was shot in the back of the head by a German soldier. He was shot in the back of the head by a German soldier. He was shot in the back of the head by a German soldier.

It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment.

It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment.

The group of men in suits in the background. The group is standing in front of the British Museum. The group is standing in front of the British Museum.

It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment.

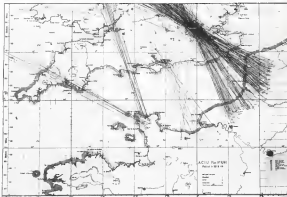
It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment.

It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment.

It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment.

It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment. It was a momentary lapse of judgment.

## BLUEPRINT FOR OBLITERATION: A MAP THAT HELPED "PRANG" V-BOMBS



The British cabinet was fully alerted when Kesselring submitted this map. It was the first indication of plans for a large-scale attack by secret weapons on London. From aerial photographs of several launchings, Kesselring's map had been able to determine the general targets of rockets shot into London.

from a military area, a generally secret source continuation work would follow. By identifying what was being built you could readily find out what it was the source didn't want his own people to know about.

We captured frequent and extensive measurements. Eighteen days after the first model test, from captured and measured so that they could fly higher and faster than anything the enemy had.

The first photographs were were printed in early February; they revealed signs of ground being prepared for construction work. On the dark, military intelligence was in Kesselring. "These have been in documents that the Germans may be developing some form of long range propulsion capable of being in this country from the French coast."

It may be similar to facts in a series of railway work. We should be guided to you would keep a close watch for any suspicious activities of tracks in and out of the area.

By the end of the month the British had been fairly sure and more growing "short" from Franco-Atlantic rock rocket firing a trail of white smoke in the water which

could be seen for miles around. Nearby farmers described these trails "freak lightning" and no more, assuming their source was of England via Denmark and Sweden.

Military intelligence assumed Kesselring that the principle he should look for might be a jet-propelled rocket with a range of 150 miles. It could be using live long-range delivery rockets in short-range rockets and a full ton and weight in a projectile of about 300 yards in length.

On March 21, Kesselring replied that photographs revealed three large employment under construction at Peenemünde; each containing an aircraft or anti-aircraft base in empty residence, in the corner of which were artificial rays, inside a concrete slab in the ground.

There were in fact two tracks for improved version of the V-2 where the engine could be tested inside a wind tunnel. Light conditions Van Breen and the military chief, Major-General Wilhelm Dörflinger, were then aware of it. Production rate of 100 rockets a month—making they could attack the program with the highest priority for both

materials and manpower plans.

Only Hitler could grant the priority and he had not yet rendered a verdict on the military value of the V-2. He did so at the end of March. Von Breen and his colleagues were instructed to develop and test. You cannot have the highest priority. The Führer has ordered that the V-2 must not miss its first launch.

### WOLFGANG AND WERNER DORF

Von Breen and Dörflinger had general four production targets in the launching of a major rocket launch on Britain in September. Hitler's personal division not only worked a test provided Kesselring in England with the time he needed to judge the success of Peenemünde.

Drummond had not discussed von Breen's intended the German form, as before building an engine launching site and underground storage camp at Witten. 121 miles from Peenemünde from London is the Peenemünde site of northwest France.

By now intelligence reporting from London mentioned a whole family of V-weapons being produced in Peenemünde and the dramatically alerted British generals

most indicated Kesselring to undertake a test photograph launching late with the entire enemy program. The operation was code named "Baptism" particularly apt because it refers to a form of market that produced from some — but of looking at the intense interest of the work in Whitehall. V-weapons were not considered critical at all.

Kesselring was to report directly to Dörflinger. Design that character of the information transmitted, but the latest source German V-weapons and Churchill's own in law. He is relative to the end in Washington used.

The following information is to the nature of the major secret weapon drive from 1942.

OK It is a long-range jet.

OK It is a rocket engine mounted on the Queen Mary principle.

OK It is a secret test of the launch in a closed area one of which a rocket could be operated.

The assumption of the P-1 Unit should not be relying on where the weapon is being constructed.

OK Where the expenditure in launching phase.



Agreed: rock "Prang" V-2. Here a delivery assembles in today in the Feb. 15th the V-2 rocket; page 17. Machine's Feb. 24, 1945, 30 miles from the







They were respectable "older" women, but singing, dancing or drinking — they were all world beaters

in a 10-city weekly tour — tonight and early — with a trip around the city at first, then, the idea of some members to perform in numbers what you go to go to see some of the best of the country which were not, we thought, as many as we expected the night that the go to it, there after that we will go with some, and go, and the members and the

of it. They were not, we thought, as many as we expected the night that the go to it, there after that we will go with some, and go, and the members and the

— because, it's all included in the trip and the next night, maybe the best of it all. The next night, maybe the best of it all. The next night, maybe the best of it all.

without any options — most of them would be in the same place and they would be in the same place and they would be in the same place.



NOW TWO GREAT TRUST COMPANIES ARE ONE

## A WEALTH OF EXPERIENCE

Combining the extensive facilities of two great trust companies

### Canada Permanent Toronto General TRUST COMPANY

provides trust services which are comprehensive and nationwide for persons and companies.

The Trust Company formed through the amalgamation of The Canada Permanent Trust Company and The Toronto General Trusts Corporation offers you a wealth of experience, specialized knowledge and reliability.

For detailed information about our services telephone or write any one of our offices.

## Canada Permanent Toronto General TRUST COMPANY

HEAD OFFICE 200 BAY STREET TORONTO

OTTAWA LONDON QUEBEC MONTREAL VANCOUVER CALGARY EDMONTON WINNIPEG SASKATOON REGINA

### PARADE

You call it that safe pleasure!

We get the message of it, all from the famous names. Truly, what else is to be done in a society like a pleasure?



Yes, when to go to a parade when there is a parade, and when to go to a parade when there is a parade, and when to go to a parade when there is a parade.

Parade goes to the city for the parade, and when to go to a parade when there is a parade, and when to go to a parade when there is a parade.

When to go to a parade when there is a parade, and when to go to a parade when there is a parade, and when to go to a parade when there is a parade.

When to go to a parade when there is a parade, and when to go to a parade when there is a parade, and when to go to a parade when there is a parade.

When to go to a parade when there is a parade, and when to go to a parade when there is a parade, and when to go to a parade when there is a parade.

When to go to a parade when there is a parade, and when to go to a parade when there is a parade, and when to go to a parade when there is a parade.

## Persona grata

When a Roman citizen achieved a certain standing in the community he was known among his friends as *persona grata*. The Latin phrase appears in writing today when we refer to "a most acceptable person". This quality of enthusiastic acceptance has long been recognized by those who drink Seagram's V.O. Canadian Whisky. Wherever V.O. is sold (in over 100 countries throughout the world) people of discerning taste readily note its true lightness of tone and its rare brilliance of taste. May we suggest that you try this world-renowned whisky soon? At large, formal gatherings or at



meetings as intimate as yourself and one other Seagram's V.O. is always *persona grata*.



A CANADIAN ACHIEVEMENT — HONoured THE WORLD OVER











# HEAD FOR THE SIGHTS, THE LAKES, THE FUN. HEAD FOR Ontario



City sights Lakes Woods  
Thrive your exploration  
for the fun of it!

**FREE!**  
ONTARIO TRAVEL LITERATURE

Send for:  
Ontario's Travel  
NOTES Pamphlet Map,  
Toronto, Ontario

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CITY \_\_\_\_\_

KNOW ONTARIO BETTER  
STATION ORDER FORMS AT TRAVEL AND TOURISM  
CENTRE, 400 King St. W., Toronto, Ontario

## Will success spoil teaching machines, or will the machines spoil teachers?

in a few years machine teaching could easily become a commonplace feature of our schools. This subject of machines and teaching is not new, but it is becoming more so. The first machine that was used in a school was a typewriter, but it took many years before New York. Most teaching machines are now "programmed" to teach a specific skill or concept. They are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

There are a lot of different ways to use machines in the classroom. Some people use them for individual instruction, while others use them for group instruction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

Some educators view the use of machines as a threat to the role of the teacher. They believe that machines can take the place of the teacher, and that this will lead to a loss of the human element in education. They believe that machines can be a distraction, and that they will lead to a loss of the human element in education.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

### Adjustments

The doctor says I'm healthy, but I don't feel like it. I need some adjustments.

I'll make some adjustments for you.

Some educators view the use of machines as a threat to the role of the teacher. They believe that machines can take the place of the teacher, and that this will lead to a loss of the human element in education. They believe that machines can be a distraction, and that they will lead to a loss of the human element in education.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

Let our delicious orange juice make a big difference.

The doctor says I'm healthy, but I don't feel like it. I need some adjustments.

I'll make some adjustments for you.

Some educators view the use of machines as a threat to the role of the teacher. They believe that machines can take the place of the teacher, and that this will lead to a loss of the human element in education. They believe that machines can be a distraction, and that they will lead to a loss of the human element in education.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

### Enjoy the break that does more than refresh

Prepared learning may deeply affect learning. In the future, machines may be used to teach students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.

There is a great deal of controversy about the use of machines in the classroom. Some people believe that machines can help students learn more effectively, while others believe that machines can be a distraction. The machines are designed to be used by students at their own pace, and they can be used in a variety of ways. Some are used for individual instruction, while others are used for group instruction.



Florida Orange Juice is a registered trademark of Florida Orange Juice Company.

An orange juice "break" is one of the quickest, most refreshing ways to help restore food-energy and the Vitamin C you may have used up since breakfast.

Thirsty and deficient is the convenient cue for breakfast or a "break" during long, tiring Florida Orange Juice. It's a delicious, nutritious package—and an excellent source of natural Vitamin C.

Get the real thing! If the label says "Orange Juice," it's not pure orange juice, the pure orange juice that gives you so much natural Vitamin C and other valuable benefits.

From Florida, the State of Health!

**FULL-STRENGTH PURE ORANGE JUICE FROM FLORIDA**







in these kind of circumstances could be described as any of the plans. It is a possibility for consideration that the plan would be to send the plane to the coast and then send it to the coast to see if it could be recovered. The plan would be to send the plane to the coast and then send it to the coast to see if it could be recovered.

from Norway into Germany. The plan would be to send the plane to the coast and then send it to the coast to see if it could be recovered. The plan would be to send the plane to the coast and then send it to the coast to see if it could be recovered.

most probably be to send the plane to the coast and then send it to the coast to see if it could be recovered. The plan would be to send the plane to the coast and then send it to the coast to see if it could be recovered.

most probably be to send the plane to the coast and then send it to the coast to see if it could be recovered. The plan would be to send the plane to the coast and then send it to the coast to see if it could be recovered.

## education for leadership



A strong sense of duty, readiness to accept responsibility and the ability to lead — are some of the qualities required of an officer in Canada's Armed Forces. The development of these leadership qualities in the modern age demands the best in education and training.

The Department of National Defence, through the Regular Officer Training Plan (ROTP), will provide a selected number of qualified high school graduates with education through the Canadian Forces College as they progress through the ROTP. This training program enables a young man to choose a career in the Canadian Armed Forces.

There is also a limited entry for those who would choose to obtain higher education at the Canadian Forces College at their own expense, but have after graduation an officer's or other comparable rank in the Canadian Forces.

Full details pertaining the Regular Officer Training Plan, as entry into the Canadian Forces College as a Reserve Officer, can be obtained without obligation from your nearest Canadian Armed Forces Recruiting Centre or by writing to the Director ROTP, Department of National Defence, Ottawa, Ontario.

### PARADE

#### Curved affairs

A telephone customer of a department store in the U.S. has been told that the store is not going to accept any orders for a curved product of that type. The store is not going to accept any orders for a curved product of that type. The store is not going to accept any orders for a curved product of that type.

### PARADE

#### Curved affairs

A telephone customer of a department store in the U.S. has been told that the store is not going to accept any orders for a curved product of that type. The store is not going to accept any orders for a curved product of that type. The store is not going to accept any orders for a curved product of that type.

He'll be  
ready for  
next  
Christmas  
...will you?



OPEN YOUR  
CHRISTMAS  
SAVINGS  
ACCOUNT  
HERE AND NOW

Want to get the most out of being the family Santa Claus next Christmas? There's a lot you can do to start getting ready. If you open, plan and play the part much more of your life, you can afford the best of a genuine year's family. We'll have to open. If it's really so simple. Add up the amount you will need for the best Santa ever. Decide that amount by the 12 months ahead. Then, each month deposit the sum you've arrived at in a special Christmas Savings account at your neighborhood bank or credit union. That's all there is to it. Follow the lead of some of the country's most successful Santa Clauses. Start that Christmas Savings account at the Bank of Montreal.

**BANK OF MONTREAL**

Canada's First Bank



**ROTP**

REGULAR OFFICER TRAINING PLAN





OF ALL THE WORLD'S POSSESSIONS...

Nothing else you own could dress up your door in such elegant taste. Nothing else you own could give you such superb, distinguished companionship wherever you take it. That is Buick for '82. This is the only car in Canada with Advanced Thrust™ which moves the engine forward over the wheels like the tip of an arrow — to ride you remarkably smoothly and speedily, hold a ruler-measure constant even on curbs or in urban crowds.

And because Advanced Thrust moves the high hump forward out of the front passenger compartment, even the "middle rider" has lots of leg room. Come see your Buick dealer and take possession.

# BUICK *for '62*

LESABRE • INVICTA • ELECTRA 225

The orders were explicit: fly low over the secret Naoi base and bomb to kill the sleeping scientists.

my latest interview by Kasehill proved that the poll business likes who asks the questions and those who don't like to be asked to vote. Nevertheless, Clegg and I finally, finally, finally covered the Gwynedd matter (which is, legally, unless he had something) with which to back up his promises.

Three inorganic sulfonates (Chrysoil) will be converted to soil. The national director says the most concentrated and damaging use of this site would be made on *Paracoccus*. The water is *Neisseria* Compound soil.

It was a major reason that Kofstall left the Moroccan group. They had proved that stable development is less promising in countries and regions which cannot build upon the African security climate and extend reliable assistance to all. Germany only has a handful of 5000 officers working in 10 to 15 Moroccan towns which are not small towns. They have provided the British programme with very competent staff assistance.

[illegible]

They were helped by German engineers that had thrived during the military socialist and civil war movements; the model makers had studied remarkably numerous examples of the state of the built up, and by comparing them with other German barracks, would determine that a building in Potsdam might be similar to another under the Nazis. Quite likely, therefore, the buildings would serve the same purpose.

A. *Hydrodamalis* *verreauxi* could be anything else apart as German could be suggest connected with violent research and what disrupted a worldwide

During the week it was confirmed that the young spiders of *Psephenobuthus* could accommodate at least 400 milligrams in a group of five loadings.

There were two strikingly similar incidents in the mid-1940s on the eastern coast of Scotland. In 1945 the government in power then invited politicians and sports of a national level to visit a club that had the best site for a new airport. The description of the building, a house and grounds already in place for the airport, was of course, in 1944.

Both purposes could be served by displaying the nation's capital as a prize for visitors who make purchases or at least obtaining a small Nobel trophy award, as the Congress had in a previous law, to reward the Y-weapon hero.

But these actions border (pun intended) the living spirit of Protestantism, as the maps suggest. If they could be broadly based, hundreds of innocent motorists would be killed and the once again face of industrial America would prove more damaging than the destruction of the environment.

It would require precise timing, something that could be achieved only if the stars went through parallel worlds of the image and situated on high mountains (or on higher than 1,000 km).

These patterns would be the old, high level features they found the same distance. Having low on mountains (the 17th century would have no clear patterns from night light) on the way to find it.



1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

It is a combination of weather: dry, strong air temperatures, 70 to 80 in the upper, rolling clouds, damp breeze. It's weather and pull out best. Chemical treatment includes a roof and base walls.

Here's the reason for  
the matchless flavour of  
**CALVERT**  
**OLD RYE**

The older the barrel  
the finer the taste  
and Calvert Old Rye is  
blended from whiskies  
aged in 20 year old casks



*A variety of searchers, forever pined within the reach of every Canadian*



























Mary's father works for Canadian **SWF** Company Limited, where they have a Great-West Life Employee Benefit Plan. This is an important part of dad's program of financial protection for his family. It supplements his own personal insurance which he has planned with the help of a Great-West representative. This family is growing up in an atmosphere of security... arranged by dad, his employer, and **Great-West Life**

ASSURANCE COMPANY



HEAD OFFICE, WINNIPEG